

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Currently amended) A method of operating a cache system to serve one
2 set of cached data in response to multiple different data requests, comprising:
3 receiving a first request for a first set of data, said first request comprising
4 a first session identifier configured to identify a first client session, wherein said
5 first set of data is identifiable by a data identifier;
6 serving said first set of data from the cache system in response to said first
7 request;
8 receiving a second request for said first set of data, said second request
9 comprising a second session identifier different from said first session identifier,
10 wherein each of said first request and said second request comprise said data
11 identifier;
12 caching said first set of data;
13 associating a portion of said first request with said cached first set of data;
14 and
15 serving said first set of data from the cache system in response to said
16 second request, wherein said serving said first set of data in response to said
17 second request comprises:
18 searching the cache system for a set of data responsive to
19 said second request, wherein said searching comprises comparing
20 said associated portion of said first request to said second request.

21 | wherein during said comparing, one or more of said first session
22 | identifier and said second session identifier are ignored, and
23 | matching said first set of data with said second request.

1 | 2 (Canceled).

1 | 3. (Currently amended) The method of ~~claim 2~~claim 1, wherein said data
2 | identifier is a URI (Uniform Resource Identifier).

1 | 4. (Currently amended) The method of ~~claim 2~~claim 1, wherein said first
2 | session identifier is combined with said data identifier in said first request; and
3 | wherein said second session identifier is combined with said data identifier
4 | in said second request.

1 | 5 (Canceled).

1 | 6. (Currently amended) The method of ~~claim 5~~claim 1, wherein said
2 | portion comprises a combination of said data identifier and said first session
3 | identifier.

1 | 7-9 (Canceled).

1 | 10. (Currently amended) The method of ~~claim 7~~claim 1, wherein said
2 | searching comprises replacing one or more of said first session identifier and said
3 | second session identifier with a default session identifier.

1 11. (Currently amended) The method of ~~claim 5~~claim 1, wherein said
2 associating comprises replacing said first session identifier with a default session
3 identifier.

1 12. (Original) The method of claim 1, further comprising, prior to said
2 serving said first set of data in response to said second request:
3 inserting said second session identifier into one or more data identifiers
4 within said first set of data.

1 13. (Original) The method of claim 12, wherein said inserting comprises
2 replacing said first session identifier in a first data identifier with said second
3 session identifier.

1 14. (Currently amended) A method of serving one set of cached data, from
2 a cache system, in response to a plurality of different data requests, wherein each
3 data request comprises a different session identifier, the method comprising:
4 receiving a first request for a first set of data from a first client session,
5 wherein said first request comprises:
6 a data identifier identifying said first set of data; and
7 a first session identifier identifying said first client session;
8 receiving said first set of data from a data server;
9 caching said first set of data, wherein said first set of data is identifiable in
10 the cache system by information included in said first request;
11 receiving a second request for said first set of data from a second client
12 session, wherein said second request comprises:
13 said data identifier; and
14 a second session identifier identifying said second client session;
15 retrieving said first set of data from a cache; and

16 serving said first set of data in response to said second request, wherein
17 said serving said first set of data in response to said second request comprises:
18 searching the cache system for a set of data responsive to
19 said second request, wherein said searching comprises comparing
20 said associated portion of said first request to said second request,
21 wherein during said comparing, one or more of said first session
22 identifier and said second session identifier are ignored, and
23 matching said first set of data with said second request.

1 15. (Original) The method of claim 14, wherein in said first request, said
2 data identifier is combined with said first session identifier.

1 16. (Original) The method of claim 14, wherein said retrieving comprises
2 searching for a previous request for which said first set of data was cached.

1 17. (Original) The method of claim 16, wherein said searching comprises
2 comparing a portion of said second request with said information included in said
3 first request.

1 18-19 (Canceled).

1 20. (Original) The method of claim 16, wherein said searching comprises
2 replacing one of said first session identifier and said second identifier with a
3 default value.

1 21. (Original) The method of claim 14, further comprising, prior to said
2 serving:
3 extracting said second session identifier from said second request; and

4 combining said second session identifier with a first data identifier in said
5 first set of data.

1 22. (Original) The method of claim 21, wherein said combining comprises
2 replacing said first session identifier with said second session identifier.

1 23-26 (Canceled).

1 27. (Currently amended) A cache system for caching data from a data
2 server, comprising:

3 a first cache memory configured to store a first data item, wherein said
4 first data item is retrieved from a data server for serving in response to a first data
5 request comprising a first session identifier; and

6 a parser configured to parse a second data request comprising a second
7 session identifier different from said first session identifier;

8 wherein said first data item is served in response to said second data
9 request, wherein said serving said first set of data in response to said second
10 request comprises:

11 searching the cache system for a set of data responsive to
12 said second request, wherein said searching comprises comparing
13 said associated portion of said first request to said second request,
14 wherein during said comparing, one or more of said first session
15 identifier and said second session identifier are ignored, and
16 matching said first set of data with said second request.

1 28. (Original) The cache system of claim 27, wherein said first data
2 request comprises a combination of a first data identifier of said first data item and

3 said first session identifier and said second data request comprises a combination
4 of said first data identifier and said second session identifier; and
5 wherein said parser is configured to extract said second session identifier
6 from said second data request.

1 29. (Original) The cache system of claim 27, wherein said first data item
2 comprises a data identifier of another data item; and
3 wherein said second session identifier is combined with said data identifier
4 of said other data item prior to serving said first data item.

1 30. (Original) The cache system of claim 27, further comprising:
2 a second cache memory configured to store a first portion of said first data
3 request, wherein said portion may be compared to a second portion of said second
4 data request to determine if said first data item is responsive to said second data
5 request;
6 wherein said first session identifier and said second session identifier are
7 ignored during said comparison.

1 31. (Currently amended) A cache system for serving one set of data in
2 response to different data requests, comprising:
3 parsing means configured to examine a data request to identify a requested
4 set of data;
5 retrieval means configured to retrieve a session identifier from said data
6 request; and
7 search means configured to search a cache for said requested set of data,
8 wherein said search means is further configured to disregard said session identifier
9 and a session identifier of a previous request in response to which said request set
10 of data was served, and

11 serving means configured to serve said first set of data from the cache
12 system in response to said second request, wherein said serving means comprises:
13 searching means configured to search the cache system for
14 a set of data responsive to said second request, wherein said
15 searching comprises comparing said associated portion of said first
16 request to said second request, wherein during said comparing, one
17 or more of said first session identifier and said second session
18 identifier are ignored, and
19 matching means for matching said first set of data with said
20 second request.

1 32. (Original) The cache system of claim 31, further comprising update
2 means configured to update one or more data identifiers in said requested set of
3 data to include said session identifier.